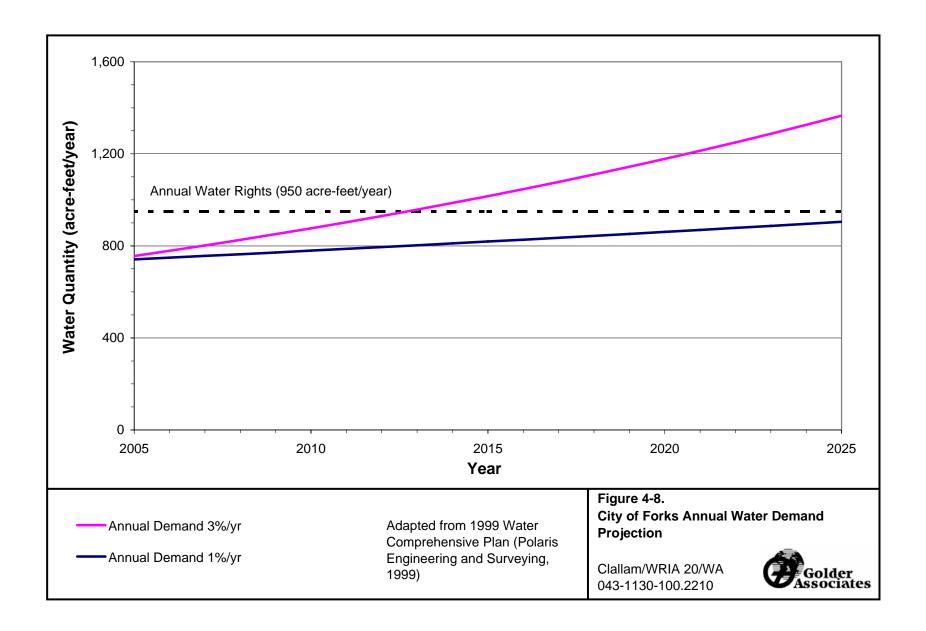


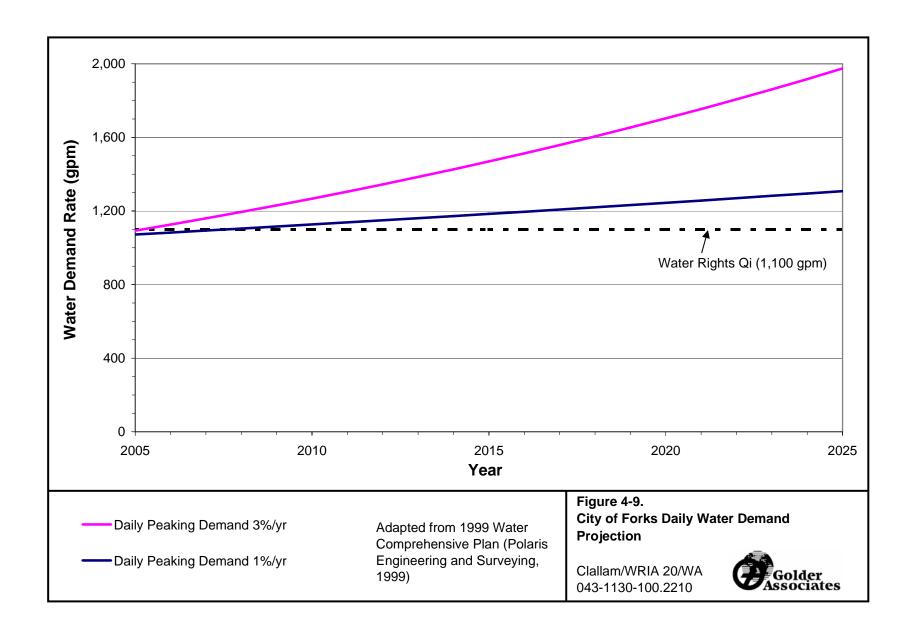
Estimated Interior Use (Nov-Apr Average)

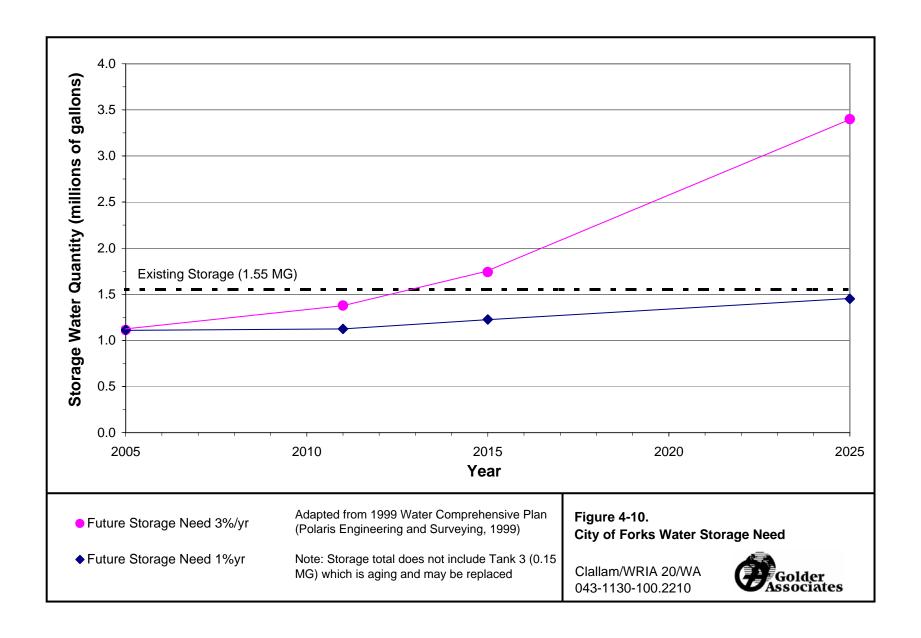
Note: average water use estimated from 2004 production data. Equivalent average daily use is approximately 0.6 MGD.

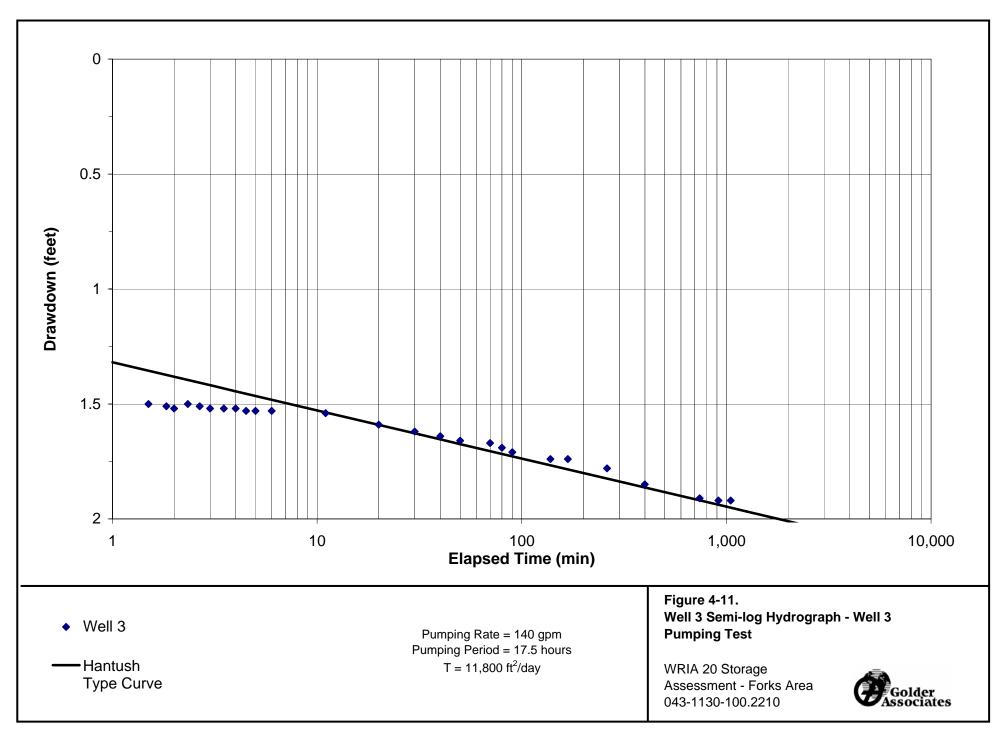
WRIA 20 Storage Assessment - Forks Area 043-1130-100.2210

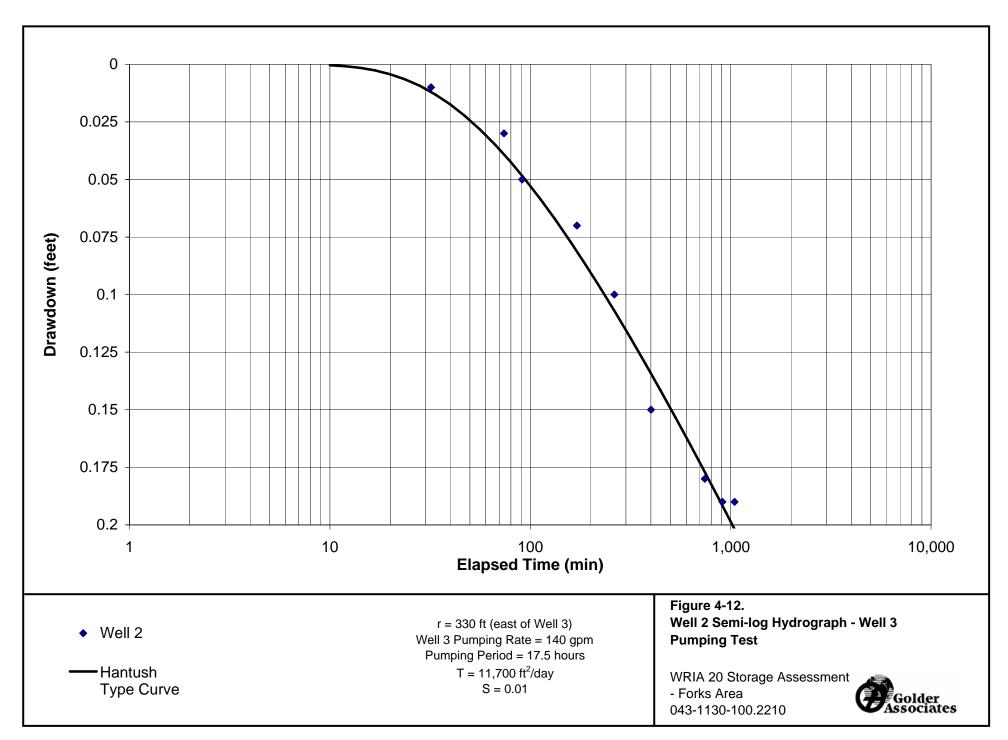


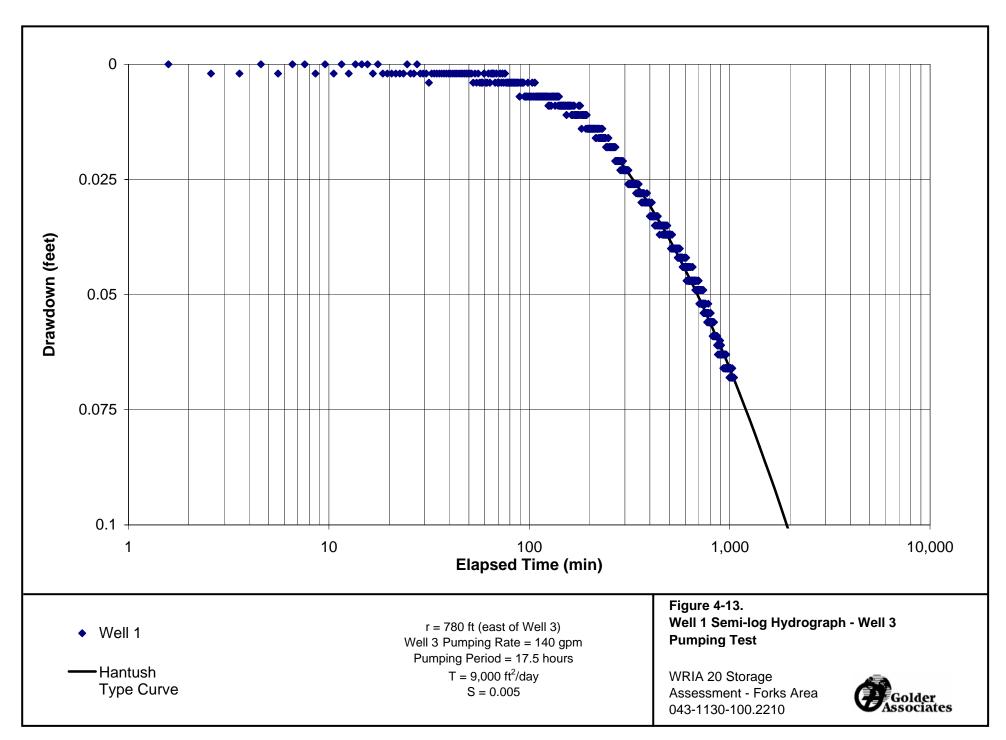


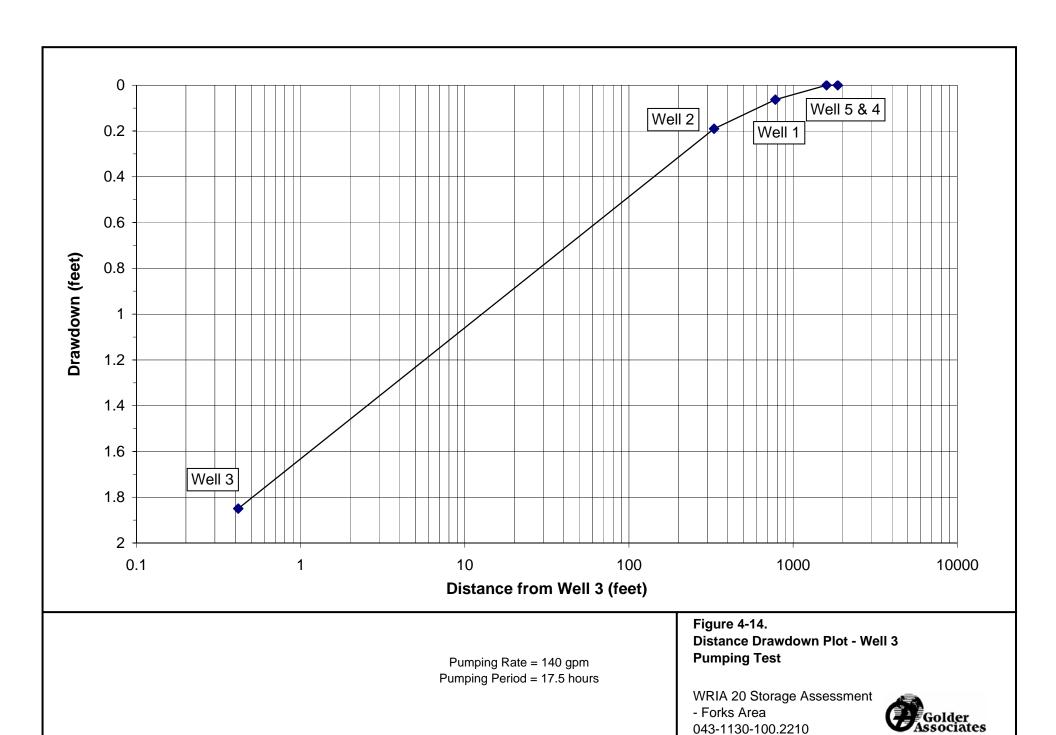


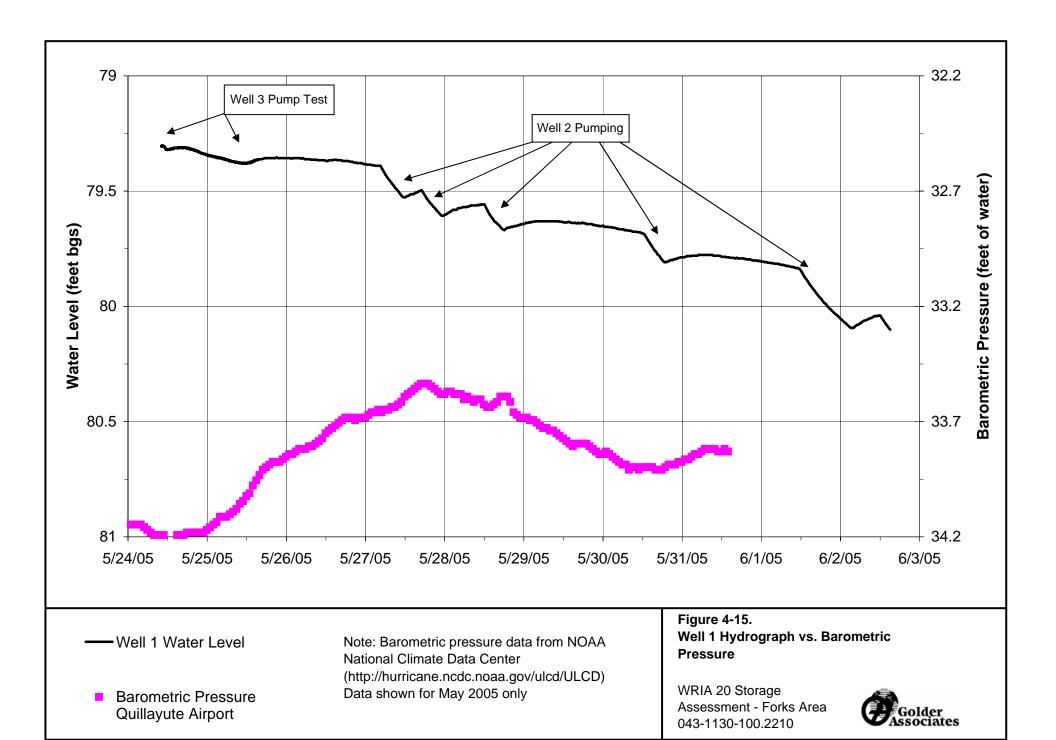


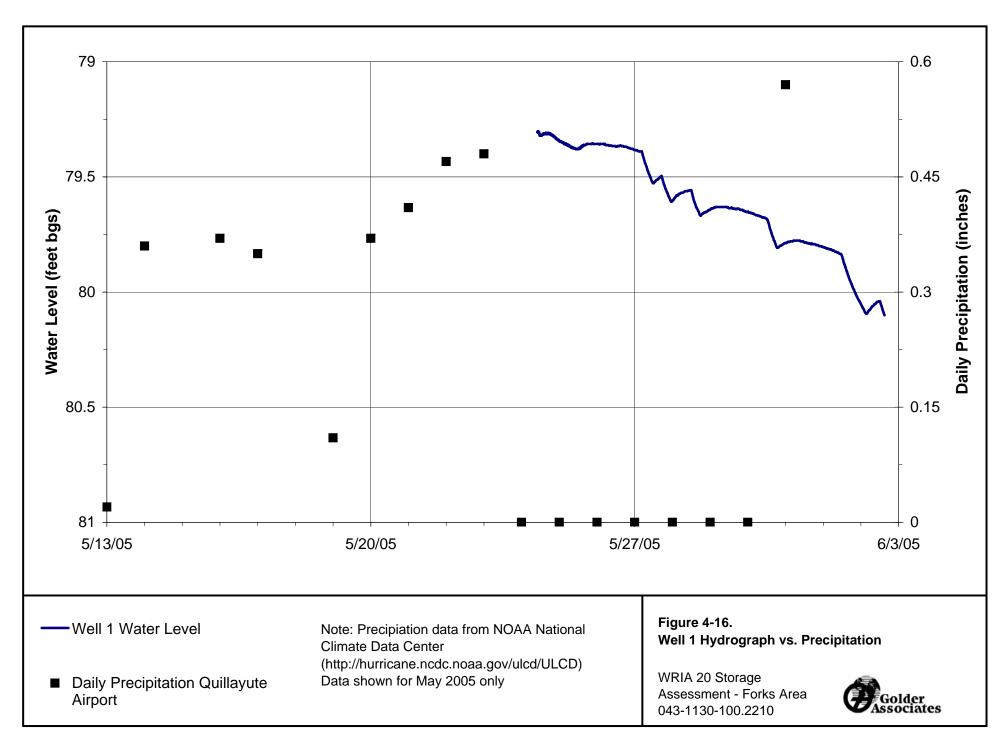


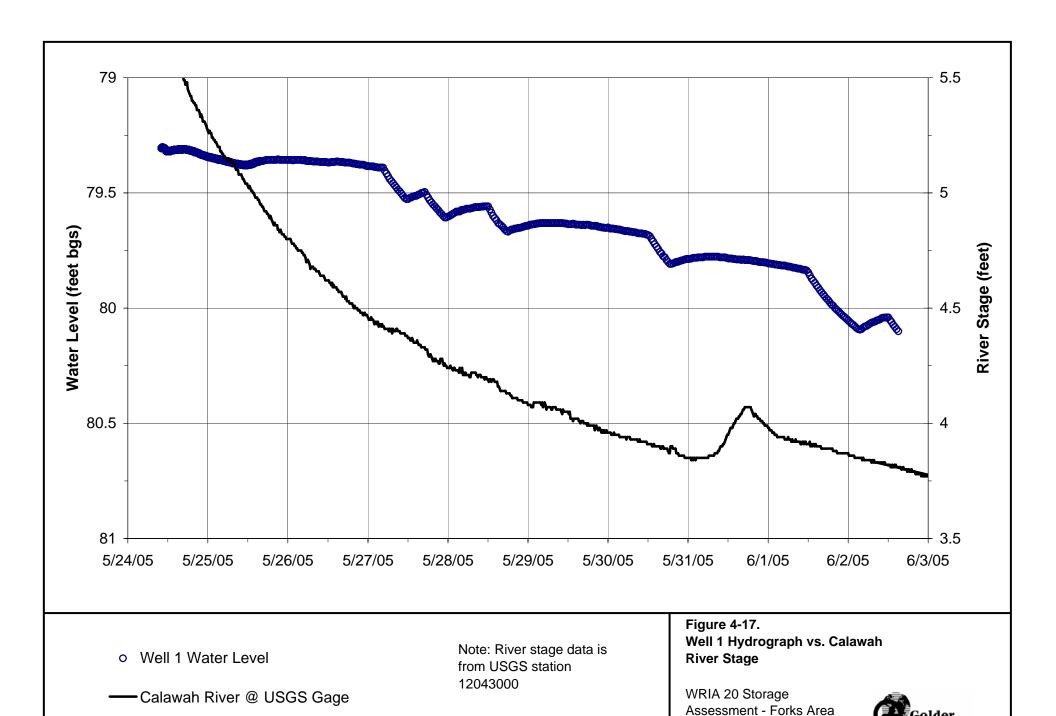




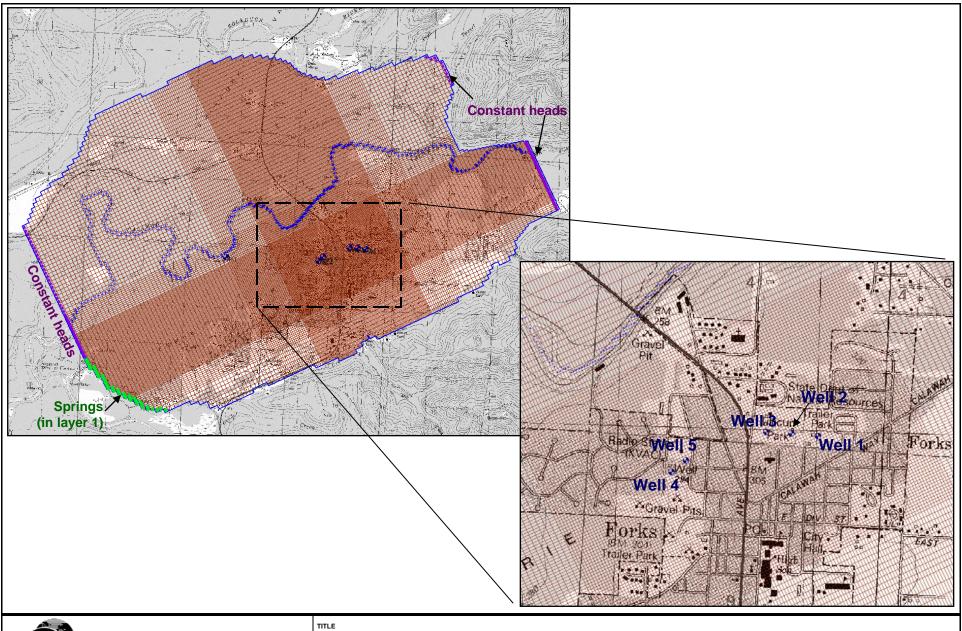








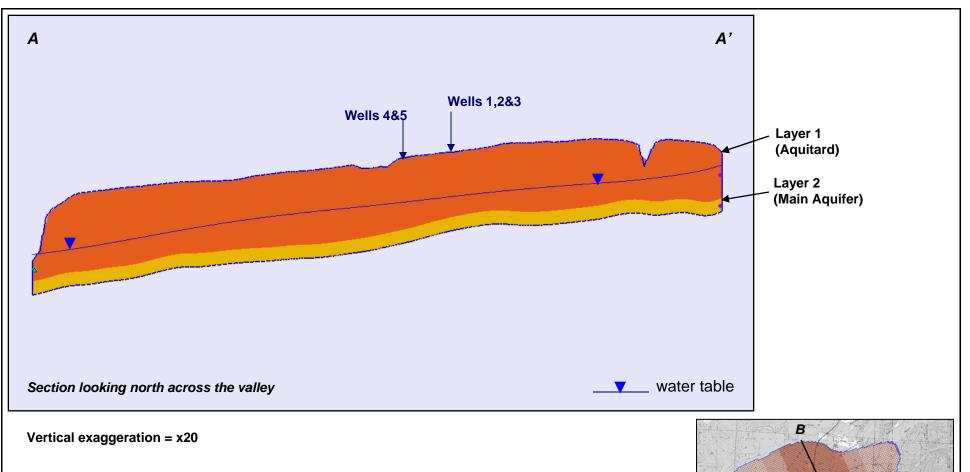
043-1130-100.2210

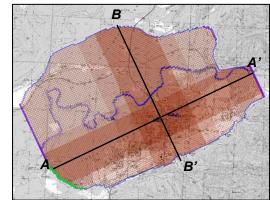




#### **Numerical Model Domain and Grid**

| DRAWN    | SDT | DATE     | 6-8-05   | PROJECT No. | 043-1130 |
|----------|-----|----------|----------|-------------|----------|
| CHECKED  |     | SCALE    | na       | DWG No.     | na       |
| REVIEWED |     | FILE No. | Figs.ppt | FIGURE No.  | 4-18     |

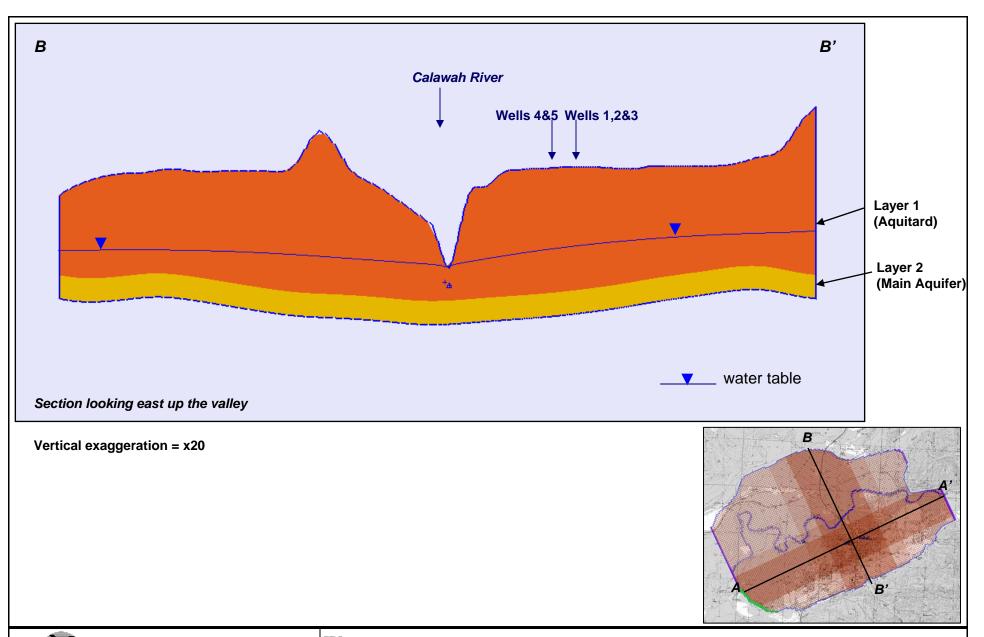






### Model Cross-section A-A' through City's Wellfield

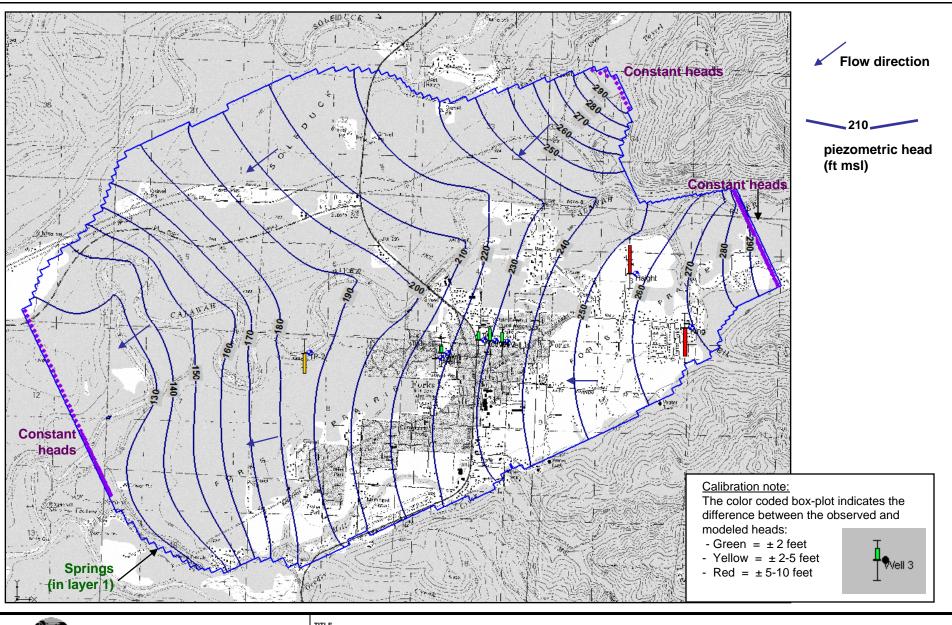
| DRAWN    | SDT | DATE     | 6-8-05   | PROJECT No. | 043-1130 |
|----------|-----|----------|----------|-------------|----------|
| CHECKED  |     | SCALE    | na       | DWG No.     | na       |
| REVIEWED |     | FILE No. | Figs.ppt | FIGURE No.  | 4-19     |



| Golder |
|--------|
|        |

### Model Cross-section B-B' through City's Wellfield

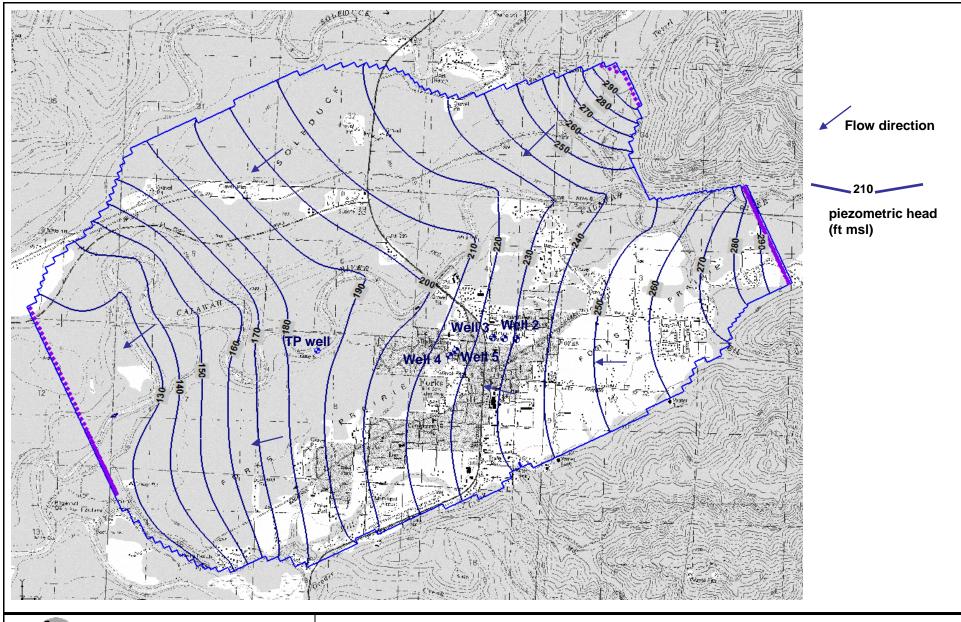
| DRAWN    | SDT | DATE     | 6-8-05   | PROJECT No. | 043-1130 |
|----------|-----|----------|----------|-------------|----------|
| CHECKED  |     | SCALE    | na       | DWG No.     | na       |
| REVIEWED |     | FILE No. | Figs.ppt | FIGURE No.  | 4-20     |





#### **Baseline Flow Field and Calibration Heads**

| DRAWN    | SDT | DATE     | 6-8-05   | PROJECT No. | 043-1130 |
|----------|-----|----------|----------|-------------|----------|
| CHECKED  |     | SCALE    | na       | DWG No.     | na       |
| REVIEWED |     | FILE No. | Figs.ppt | FIGURE No.  | 4-21     |





### Predicted Wellfield Operation Flow Field – wells pumping at average Qa

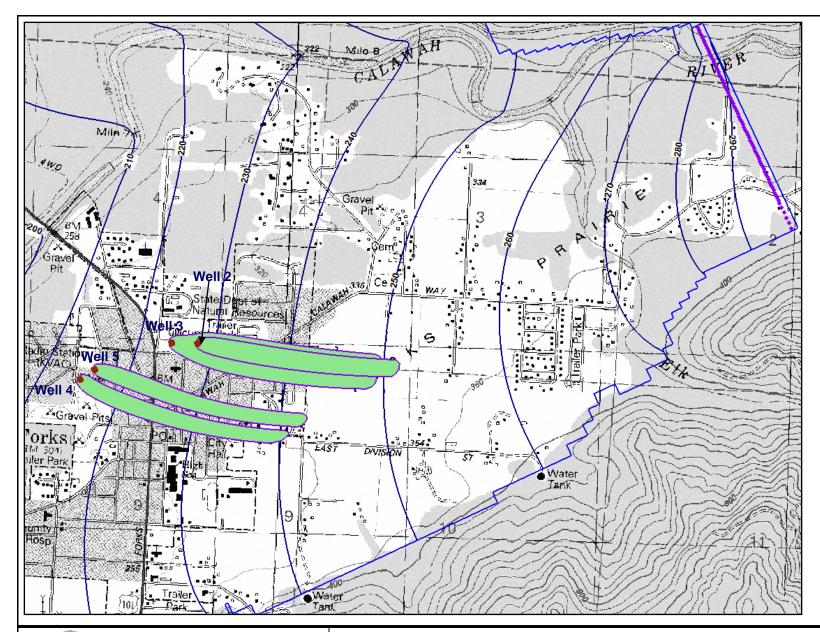
| DRAWN    | SDT | DATE     | 6-8-05   | PROJECT No. | 043-1130 |
|----------|-----|----------|----------|-------------|----------|
| CHECKED  |     | SCALE    | na       | DWG No.     | na       |
| REVIEWED |     | FILE No. | Figs.ppt | FIGURE No.  | 4-22     |





#### **Predicted Capture Zones – 6 months**

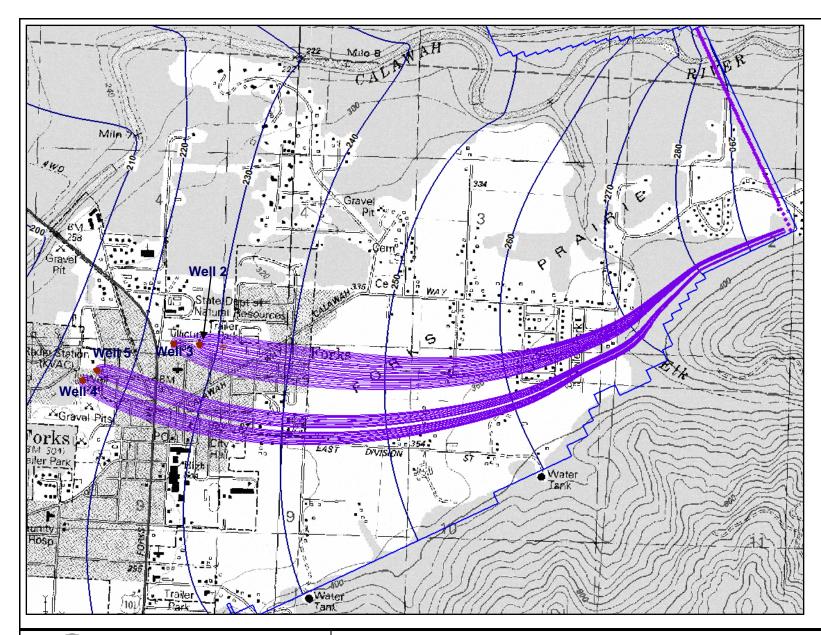
| DRAWN    | SDT | DATE     | 6-8-05   | PROJECT No. | 043-1130 |
|----------|-----|----------|----------|-------------|----------|
| CHECKED  |     | SCALE    | na       | DWG No.     | na       |
| REVIEWED |     | FILE No. | Figs.ppt | FIGURE No.  | 4-23     |





# **Predicted Capture Zones – 1 year**

| DRAWN    | SDT | DATE     | 6-8-05   | PROJECT No. | 043-1130 |
|----------|-----|----------|----------|-------------|----------|
| CHECKED  |     | SCALE    | na       | DWG No.     | na       |
| REVIEWED |     | FILE No. | Figs.ppt | FIGURE No.  | 4-24     |





## **Predicted Capture Zones – 5 years**

| DRAWN    | SDT | DATE     | 6-8-05   | PROJECT No. | 043-1130 |
|----------|-----|----------|----------|-------------|----------|
| CHECKED  |     | SCALE    | na       | DWG No.     | na       |
| REVIEWED |     | FILE No. | Figs.ppt | FIGURE No.  | 4-25     |